

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in this application.

Listing of Claims:

1. Currently Amended) A data storage disk having a ~~gravity~~ center, comprising:
a data storage portion between an outer edge and an intermediate boundary;
a non-recording portion between said intermediate boundary and an inner edge;
and
at least one slot disposed between said ~~outer edge~~ intermediate boundary and said inner edge,;
wherein said slot hinders an extension to a crack occurred in said data storage disk
and wherein a distance between an inner sidewall of said slot and the center of the data storage disk is larger than the radius of said inner edge.
2. (Cancelled)
3. (Original) The data storage disk of claim 1, wherein said slot is in a curved shape, and a distance between a outer sidewall of said slot and the center of the data storage disk is smaller than the radius of said intermediate boundary.
4. (Currently Amended) The data storage disk of claim 3, wherein said slot is disposed circumferentially around the ~~gravity~~ center of said data storage disk.
5. (Currently Amended) The data storage disk of claim 1, further comprising a plurality of slots, wherein a geometrically center of said slots is coincided with the

~~gravity~~ center of said data storage disk.

6. (Original) The data storage disk of claim 5, wherein a straight normal line drawn from the center toward any point at said outer edge intersects with one of said slots.

7. (Original) The data storage disk of claim 1, wherein said slot has an inner rim of a smooth close loop.

8. (Original) The data storage disk of claim 1, wherein a distance defined between said slot and said inner edge is substantially less than 1.25 cm.

9. (Currently Amended) A data storage disk, comprising:
a center hollow portion;
a data storage portion between an outer edge and an intermediate boundary;
a non-recording portion disposed between said center hollow portion and said data storage portion; and
at least one slot disposed in said non-recording portion;
wherein said slot hinders an extension to a crack occurred in said data storage disk, and

wherein a distance between an inner sidewall of said slot and the center of the data storage disk is larger than the radius of said inner edge, and a distance between an outer sidewall of said slot and the center of the data storage disk is smaller than the radius of said intermediate boundary.

10. (Original) The data storage disk of claim 9, wherein a distance between said slot and said data storage portion is substantially less than 1.25 cm.

11. (Original) The data storage disk of claim 9, wherein said slot is disposed circumferentially around said center hollow portion.

12. (Currently Amended) A data storage disk having a center, comprising:
an outer edge;
an inner edge;
a data storage region disposed between said outer edge and ~~said inner edge~~ an intermediate boundary; and
at least one slot disposed between said data storage region and said inner edge;
wherein said slot hinders an extension to said crack occurred in said data storage disk, and
wherein a distance between an inner sidewall of said slot and the center of the data storage disk is larger than the radius of said inner edge, and a distance between a outer sidewall of said slot and the center of the data storage disk is smaller than the radius of said intermediate boundary.

13. (Original) The data storage disk of claim 12, wherein said slot is in a curved shape.

14. (Original) The data storage disk of claim 13, wherein said slot is disposed circumferentially around the center of said data storage disk.

15. (Currently Amended) The data storage disk of claim 12, further comprising a plurality of slots, wherein said data storage disk has a ~~gravity~~ center and a geometrically center of said slots is coincided with the ~~gravity~~ center of said data storage disk.

16. (Original) The data storage disk of claim 15, wherein a straight normal line drawn from the center toward any point at said outer edge intersects with one of said slots.

17. (Original) The data storage disk of claim 12, wherein said slot has an inner rim of a smooth close loop.

18. (Original) The data storage disk of claim 12, wherein a first distance defined between said slot and said inner edge is substantially less than 1.25 cm.

19. (Original) The data storage disk of claim 12, wherein a second distance defined between said slot and said data storage region is substantially less than 1.25 cm.